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NPIC/R-77/65

April 1965

PHOTOGRAPHIC
INTERPRETATION
REPORT



MARCH
SUMMARY REPORT
SELECTED TARGETS
NORTH VIETNAM AND LAOS

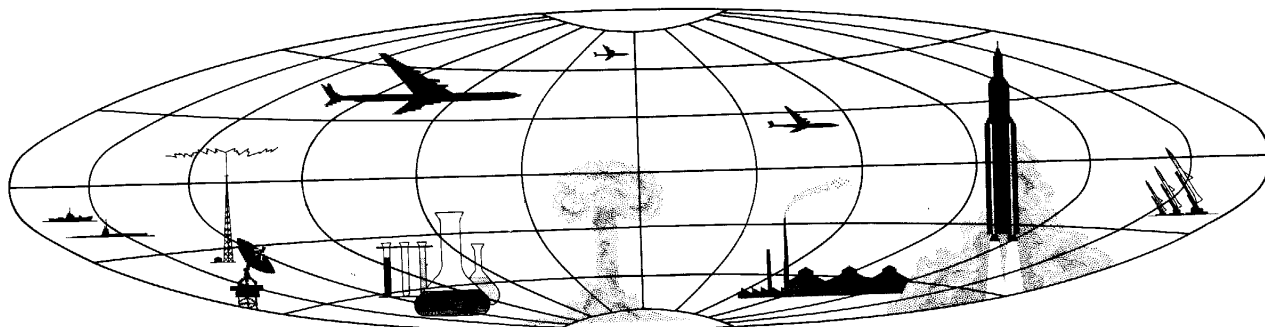


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This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

This report provides a summarization of photographic interpretation of selected COMOR installation/facilities in North Vietnam and Laos, and, in addition, may provide similar information on other installations considered significant by the National Photographic Interpretation Center (NPIC). The report includes missions accomplished within the month indicated on the report cover.

Each installation is initially reported in summary form to include target name, geographic coordinates, BE number (as appropriate), and WAC/NPIC number. Next follows the locator line, the Comor target number (as appropriate), the date of the information, a summary description of the installation including OB information, and the photo data/limiting conditions line used in compiling the initial report.

As each installation is subsequently covered by photographic reconnaissance throughout the month, additional report entries include mission number and date, status of target, OB information (as appropriate), and photo data/limiting conditions to include no apparent change or identi-

fication only, as appropriate. These entries are normally limited to three lines.

Only AAA defenses considered integral components of an installation are reported. They are divided into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37MM), medium (57MM, 85MM), and heavy (100MM and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated. (Ex.: 6-gun AAA site, occupied/unoccupied.)

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by World Aeronautical Chart (WAC) number, and 4) within the WAC number by coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR Target Numbers, and abbreviations for limiting conditions concludes the report.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
AIR INSTALLATIONS				
BAN HOUET SAI AIRFIELD 3 NM ESE OF BAN HOUET SAI. [REDACTED] 25X1D	2014N 10027E	0556	25X1A [REDACTED]	19
25X1D APPROXIMATELY 3,200 X [REDACTED] FT NW/SE NATURAL SURFACE RUNWAY, PROBABLY SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D				
SAM NEUA AIRFIELD 2 NM EAST OF SAM NEUA. [REDACTED] 25X1D	2025N 10404E	0616	25X1A [REDACTED]	136-A
[REDACTED] 25X1D 3,600 X 100 FT E/W SOD RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D				
MILITARY INSTALLATIONS				
MUONG LUONG NAM THA, MILITARY CAMPS TWO MILITARY CAMPS REFERENCED FROM MUONG LUONG NAM THA. [REDACTED] 25X1D	2057N 10128E	0616		121-A
CAMP A (IMMEDIATELY SE AT UTM QD502197) -- WALLED CAMP CONTAINS 4 BARRACKS-TYPE, 2 ADMINISTRATION-TYPE, 3 LARGE RECTANGULAR MAINTENANCE/STORAGE, AND 2 SUPPORT BUILDINGS. NUMEROUS TRENCH SYSTEMS AND AW POSITIONS OBSERVED IN IMMEDIATE AREA.				

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<p>CAMP B (IMMEDIATELY NNW AT UTM QD509179) -- CAMP CONTAINS 5 BARRACKS-TYPE, 2 ADMINISTRATION-TYPE, AND 5 SUPPORT BUILDINGS. ONE REVETTED FA PIECE AND APPROXIMATELY 8 AW POSITIONS OBSERVED WITHIN AREA.</p> <p>[REDACTED]</p> <p>25X1D [REDACTED]</p> <p>25X1D NO APPARENT CHANGE SINCE [REDACTED]</p> <p>[REDACTED]</p> <p>SAM NEUA MILITARY AREAS</p> <p>TWO MILITARY AREAS IN VICINITY OF SAM NEUA (REFERENCED FROM SAM NEUA).</p> <p>[REDACTED] 25X1D</p> <p>25X1A AREA A (SOUTH EDGE, SAM NEUA ARMY BARRACKS SOUTH, BE NO [REDACTED] -- APPROXIMATELY 20 SMALL BARRACKS/SUPPORT, 1 LARGE ADMINISTRATION, 3 LARGE RECTANGULAR STORAGE/MAINTENANCE, AND 1 LARGE STORAGE-TYPE BUILDING. TRENCHING OBSERVED IN WESTERN PORTION.</p> <p>AREA B (0.8 NM ENE AND JUST WEST OF SAM NEUA AIRFIELD) -- IDENTIFICATION ONLY. 25X1D</p> <p>[REDACTED]</p> <p>25X1D [REDACTED]</p> <p>25X1A AREA A -- IDENTIFICATION ONLY.</p> <p>AREA B (0.8 NM ENE AND JUST WEST OF SAM NEUA AIRFIELD, SAM NEUA ARMY DEPOT AIRFIELD, BE NO [REDACTED] -- 7 BARRACKS-TYPE, 1 ADMINISTRATION, 1 REVETTED STORAGE, AND 4 SUPPORT BUILDINGS.</p> <p>[REDACTED] 25X1D</p>	2025N 10403E	0616		136-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	25X1A				
25X1D	<p>25X1D</p> <p>AREA A (SOUTH EDGE, SAM NEUA ARMY BARRACKS SOUTH, BE NO [REDACTED] -- APPROXIMATELY 20 SMALL BARRACKS/SUPPORT, 1 LARGE ADMINISTRATION, 3 LARGE RECTANGULAR STORAGE/MAINTENANCE, AND 1 LARGE STORAGE-TYPE BUILDING. TRENCHING OBSERVED IN WESTERN PORTION OF AREA.</p> <p>AREA B (0.8 NM ENE AND JUST WEST OF SAM NEUA AIRFIELD, SAM NEUA ARMY DEPOT AIRFIELD, BE NO [REDACTED] -- 7 BARRACKS-TYPE, 1 ADMINISTRATION, 1 REVETTED STORAGE, AND 4 SUPPORT BUILDINGS.</p> <p>[REDACTED]</p>				
25X1A					
	25X1D				
	MUONG SING MILITARY AREA MUONG SING AND VICINITY.	2111N 10110E	0616		130-C
25X1D	<p>[REDACTED]</p> <p>MILITARY AREA COMPRISES A CITADEL SURROUNDED BY A MOAT IN SE SECTION OF MUONG SING, WITH 3 BARRACKS-TYPE, 1 ADMINISTRATION-TYPE, 3 SUPPORT, AND 1 MAINTENANCE/STORAGE BUILDING, AND IMMEDIATELY NE OUTSIDE CITADEL, 3 BARRACKS-TYPE, 1 ADMINISTRATION-TYPE, AND 3 STORAGE/SUPPORT BUILDINGS. TRENCHING OBSERVED THROUGHOUT AREA.</p> <p>[REDACTED]</p>				
	25X1D				

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<p>BASIC SERVICES</p> <p>ROUTE 3, SEGMENT 3</p> <p>[REDACTED] 25X1D</p> <p>ONE HUNDRED PERCENT OF TARGET OBSERVED, A JEEPABLE TRAIL, FROM 20-23N 100-47E TO 20-16N 100-25E. THIS TRAIL IS POSSIBLY A POORLY MAINTAINED, OVERGROWN ROAD. NO VEHICULAR OR CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED] 25X1D</p>	2023N 10036E	0556		19-J
<p>ROUTE 3, SEGMENT 2</p> <p>[REDACTED] 25X1D</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED. A JEEPABLE TRAIL OBSERVED FROM 20-43N 101-09E TO 20-33N 100-47E. THE TRAIL IS POSSIBLY A POORLY MAINTAINED, OVERGROWN ROAD. NO VEHICULAR OR CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED] 25X1D</p>	2034N 10102E	0616		476-C
<p>ROUTE 3, SEGMENT 1</p> <p>[REDACTED] 25X1D</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED. A SINGLE-LANE, NATURAL SURFACE, UNIMPROVED ROAD OBSERVED FROM 20-57N 101-25E TO APPROXIMATELY 20-50N 101-17E WHERE IT DETERIORATES INTO A JEEPABLE TRAIL TO 20-44N</p>	2048N 10116E	0616		503

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<p>101-09E. NO VEHICLES OR ROAD CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED]</p> <p>ROUTE 4, SEGMENT 1</p> <p>[REDACTED] 25X1D</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED, FROM APPROXIMATELY 20-36N 102-07E TO 21-03N 101-48E. NO MOTORABLE ROADS OR CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED]</p> <p>ROUTE 4, SEGMENT 3</p> <p>[REDACTED] 25X1D</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED. SINGLE-LANE, NATURAL SURFACE ALL-WEATHER SERVICEABLE ROAD OBSERVED FROM LUANG PRABANG (19-53N 102-08E) NORTH TO ITS TERMINUS AT SOUTH BANK OF NAM SOUNG (RIVER) (19-58N 102-15E). NO VEHICULAR OR CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>ROUTE 4, SEGMENT 2</p> <p>COMOR TARGET NO [REDACTED] 25X1A</p>	<p>25X1D</p> <p>2049N 10152E</p> <p>2009N 10219E</p> <p>2044N 10224E</p>	<p></p> <p>0616</p> <p>0616</p> <p>0616</p>		<p></p> <p>129-C</p> <p>504</p> <p>101-A</p>

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			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED, FROM 20-36N 102-07E TO 20-30N 102-27E. NO MOTORABLE ROADS OR ROAD CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED] 25X1D</p>				
<p>ROUTE 6, SEGMENT 1</p> <p>[REDACTED] 25X1D</p> <p>NINETY PERCENT OF TARGET AREA COVERED. SINGLE-LANE, NATURAL SURFACE ROAD IN FAIR CONDITION OBSERVED FROM 20-26N 104-05E TO 20-07N 103-46E. NO VEHICLES OBSERVED.</p> <p>[REDACTED]</p>	2014N 10355E	0616		271-E
<p>25X1D</p> <p>[REDACTED]</p>				
<p>ROUTE 32, SEGMENT 1</p> <p>[REDACTED] 25X1D</p> <p>TWENTY-FIVE PERCENT OF TARGET AREA COVERED. SINGLE-LANE, NATURAL SURFACE, LIMITED ALL- WEATHER, SERVICEABLE ROAD IN FAIR CONDITION OBSERVED FROM 21-07N 101-11E TO 21-11N 101-10E. NO VEHICLES OR ROAD CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED]</p>	2109N 10112E	0616		130-B
<p>25X1D</p> <p>[REDACTED]</p>				
<p>25X1D</p> <p>[REDACTED]</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED.</p>				

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			BE	NPIC
<p>SINGLE-LANE, NATURAL SURFACE, LIMITED ALL-WEATHER ROAD OBSERVED FROM 21-11N 101-09E TO 20-57N 101-25E. NO VEHICLES OR ROAD CONSTRUCTION OBSERVED.</p> <p>[REDACTED]</p> <p>ROUTE 191, SEGMENT 1 25X1D</p> <p>[REDACTED] 25X1D</p> <p>APPROXIMATELY 4 PERCENT OF TARGET AREA COVERED FROM 21-46N 102-13E TO 21-44N 102-12E. NO MOTORABLE ROADS OR ROAD CONSTRUCTION ACTIVITY OBSERVED.</p> <p>[REDACTED]</p>	2135N 10221E	0616		120-B
<p>ROUTE 41, SEGMENT 1 25X1D</p> <p>[REDACTED]</p> <p>SIXTY-FIVE PERCENT OF TARGET AREA COVERED. TWO-LANE, NATURAL SURFACE, LIMITED ALL-WEATHER SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 21-55N 103-11E TO 22-14N 103-10E. TWO CARGO TRUCKS HEADING SOUTH AT 22-04N 103-10E, 1 CARGO TRUCK HEADING SOUTH AT 22-03N 103-09E, 1 CARGO TRUCK HEADING SOUTH AT 22-02N 103-10E, AND 2 UTILITY TRUCKS HEADING NORTH AT 22-01N 103-10E OBSERVED.</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>ONE HUNDRED PERCENT OF TARGET AREA COVERED.</p>	2202N 10310E	0616		118-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>TWO-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM 22-15N 103-10E TO 21-45N 103-20E. ONE TRUCK HEADED NORTH AND 2 TRUCKS HEADED SOUTH AT 21-45N 103-20E, 2 TRUCKS HEADED NORTH AND 3 TRUCKS PARKED ALONG ROAD AT 21-50N 103-17E, AND 1 TRUCK HEADED NORTH AT 21-52N 103-17E.</p> <p>[REDACTED]</p> <p>50 PERCENT OF TARGET AREA COVERED. TWO-LANE NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM 21-46N 103-16E TO 22-06N 103-11E. NO VEHICLES OBSERVED.</p> <p>[REDACTED]</p> <p>-NORTH VIETNAM-</p> <p>AIR INSTALLATIONS</p> <p>DO SON AIRFIELD 0.4 NM EAST OF DO SON.</p> <p>[REDACTED]</p> <p>3,600 X 150 FT N/S SOD RUNWAY, UNSERVICEABLE, APPARENTLY ABANDONED. PARKING REVETMENTS ON WEST SIDE OF RUNWAY ARE DETERIORATING. APPARENTLY UNOCCUPIED FACILITIES ON EAST SIDE OF RUNWAY INCLUDE 2</p>				
25X1D				
25X1D				
25X1D	2042N 10648E	0616	25X1A [REDACTED]	106

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<p>LARGE HANGARS AND SEVERAL BARRACKS. SEVERAL BUILDINGS AT SOUTH END OF FIELD HAVE BEEN RAZED. TWO PROBABLY ABANDONED POL TANKS OBSERVED 1,000 FT SSW OF SOUTH END OF RUNWAY. AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED]</p> <p>HAIPHONG/KIEN AN AIRFIELD 5 NM SW OF HAIPHONG.</p> <p>[REDACTED] 25X1D</p> <p>5,900 X 80 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY TO THE SOUTH WITH 2 END-CONNECTING AND 4 CROSSOVER LINKS, 2 PARKING APRONS, AND 30 PARKING REVETMENTS. AIRCRAFT -- 5 CAB AND 6 COLT.</p> <p>[REDACTED] 25X1D</p> <p>HAIPHONG/CAT BI AIRFIELD 3.5 NM SE OF HAIPHONG.</p> <p>[REDACTED] 25X1D</p> <p>7,700 X 190 FT ENE/WSW CONCRETE RUNWAY, SERVICEABLE. FORMER NNW/SSE CONCRETE RUNWAY PROBABLY BEING USED AS A PARKING APRON. FACILITIES INCLUDE PARALLEL CONCRETE TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, A PARKING APRON TO THE NORTH, 2 HANGARS, A CONTROL/OPERATIONS BUILDING,</p>	<p>2048N 10636E</p> <p>2049N 10643E</p>	<p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p> <p>25X1A</p> <p>[REDACTED]</p>	<p>109-B</p> <p>109-A</p>

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APPROXIMATELY 40 ASSOCIATED SUPPORT BUILDINGS, AND AT LEAST 14 AIRCRAFT REVETMENTS. AIRCRAFT --- 1 COLT, 2 PROBABLE MAX/MOOSE, AND 15 SMALL STRAIGHT-WING. [REDACTED] 25X1D				
[REDACTED] 25X1D NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT --- 1 CAB, 1 COLT, 5 PROBABLE MAX/MOOSE, AND 8 SMALL UNIDENTIFIED.				
[REDACTED] 25X1D [REDACTED] 25X1D NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- 2 CAB, 1 PROBABLE COLT, AND 10 SMALL STRAIGHT-WING.				
[REDACTED] 25X1D DIEN BIEN PHU AIRFIELD 0.5 NM NORTH OF DIEN BIEN PHU. [REDACTED] 25X1D			25X1A	
APPROXIMATELY 4,000 X 90 FT NNW/SSE ASPHALT AND LATERITE RUNWAY, SERVICEABLE. FACILITIES INCLUDE A WEATHER STATION, 3 BARRACKS, 1 ADMINISTRATION, 2 STORAGE, AND 3 SUPPORT BUILDINGS. AIRCRAFT -- 2 CRATE. [REDACTED] 25X1D	2123N 10301E	0616	[REDACTED]	105

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<p>25X1D</p> <p>[REDACTED]</p> <p>PHUC YEN AIRFIELD 5.8 NM ESE OF PHUC YEN AT UTM WJ840464.</p> <p>[REDACTED]</p> <p>8,720 X 190 FT WNW/ESE CONCRETE RUNWAY, SERVICEABLE, WITH 1,200 FT OVERRUNS AT EACH END. FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, ALERT RAMPS ALONG EACH OF 2 OUTER CROSSOVER LINKS, 2 PARKING APRONS 1,600 FT LONG (1 AT EACH END OF TAXIWAY), GCA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A HANGAR, A CONTROL TOWER, AND AN OPERATIONS BUILDING. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS, AND AN AREA AT WNW END OF RUNWAY CONTAINS 6 REVETMENTS. APPROXIMATELY 11,000 FT TAXIWAY UNDER CONSTRUCTION LEADS NORTH FROM RUNWAY TO NEW AREA CONTAINING AT LEAST 15 AIRCRAFT REVETMENTS AND 1 FIRING-IN BUTT UNDER CONSTRUCTION. SECURED POL STORAGE AREA WITH LOOP SERVICE ROAD OBSERVED APPROXIMATELY 5,000 FT NNW OF RUNWAY CENTER CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL SERVED.</p>	2113N 10548E	0616	<p>25X1A</p> <p>[REDACTED]</p>	326-C

25X1D

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Target	Coordinates	WAC	Target Numbers	
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25X1D AIRCRAFT --- 36 FAGOT/FRESCO AND 19 DUMMY. [REDACTED] AIRCRAFT -- 15 FAGOT/FRESCO AND 19 DUMMY. [REDACTED]				
25X1D CHU AIRFIELD [REDACTED] NO AIRFIELD OBSERVED AT 21-22N 106-34E. [REDACTED]	2122N 10634E	0616		397-B
25X1D KEP HA AIRFIELD 3 NM EAST OF KEP HA AND 5.5 NM WSW OF BIEN DONG. [REDACTED]	2123N 10640E	0616	25X1A [REDACTED]	397
25X1D 2,550 X 100 FT NE/SW PACKED EARTH RUNWAY, SERVICEABLE. SUPPORT AREA APPROXIMATELY 2,000 FT WEST OF RUNWAY CONTAINS 7 ROAD-SERVED STORAGE-TYPE BUILDINGS. AIRCRAFT --- 5 CAB. [REDACTED]				
25X1D LAI CHAU AIRFIELD IMMEDIATELY SE OF LAI CHAU. [REDACTED]	2203N 10309E	0616	25X1A [REDACTED]	118-A
25X1D 2,500 X 100 FT NNE/SSW SOD RUNWAY, PROBABLY UNSERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]				

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<p>25X1D</p> <p>[REDACTED] 25X1D</p> <p>NO APPARENT CHANGE SINCE [REDACTED]</p> <p>AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>VINH AIRFIELD</p> <p>3.5 NM NORTH OF VINH.</p> <p>[REDACTED] 25X1D</p> <p>6,400 X 190 FT N/S LATERITE RUNWAY, SERVICEABLE.</p> <p>FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER LINK, 2 ALERT APRONS, A PARKING APRON, A CONTROL TOWER/OPERATIONS BUILDING, AND SEVERAL MAINTENANCE/SUPPORT BUILDINGS.</p> <p>AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p>	1843N 10540E	0617	<p>25X1A</p> <p>[REDACTED]</p>	128-A

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<p>MILITARY INSTALLATIONS</p> <p>HON GAY NAVAL BASE BAI CHAY IMMEDIATELY NORTH OF BAI CHAY AND 1.0 NM NW OF HON GAY AT UTM YJ148193. [REDACTED] 25X1D</p> <p>FACILITIES INCLUDE 2 MULTISTORY BARRACKS, 1 T-SHAPED ADMINISTRATION, 4 PROBABLE STORAGE, AND 14 PROBABLE MAINTENANCE/REPAIR BUILDINGS, A SMALL MARINE RAILWAY, AND A SMALL T-HEAD PIER. VESSELS --- 1 SWATOW PGM ON MARINE RAILWAY. [REDACTED] 25X1D</p> <p>BAN XOM LOM ARMY BARRACKS WEST 3 NM WNW OF BAN XOM LOM. [REDACTED] 25X1D</p> <p>AREA CONTAINS 11 BARRACKS-TYPE, 4 ADMINISTRATION, 8 STORAGE, AND APPROXIMATELY 10 MISCELLANEOUS BUILDINGS. A PROBABLY ASSOCIATED STORAGE AREA TO THE ESE CONTAINS 6 VEHICLE/EQUIPMENT STORAGE SHEDS AND APPROXIMATELY 5 MISCELLANEOUS BUILDINGS. [REDACTED] 25X1D</p> <p>HOAI AN AMMUNITION DEPOT 1.0 NM NNE OF HOAI AN. [REDACTED] 25X1D</p> <p>DOUBLE-FENCED AREA WITH 9 GUARD TOWERS CONTAINS 12 STORAGE [REDACTED], 3 SMALLER STORAGE, AND 5 SUPPORT BUILDINGS.</p>	<p>2058N 10704E</p> <p>2050N 10441E</p> <p>2026N 10533E</p>	<p>0615</p> <p>0616</p> <p>0616</p>	<p>25X1A [REDACTED]</p> <p>25X1A [REDACTED]</p> <p>25X1A [REDACTED]</p>	<p>109--B</p> <p>145-A</p> <p>490</p>

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<p>FOUR TRUCKS OBSERVED WITHIN THE AREA. [REDACTED] 25X1D</p> <p>HAIPHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF HAIPHONG/KIEN AN AIRFIELD. [REDACTED] 25X1D</p> <p>FENCED AREA CONTAINS 42 REVETTED STORAGE BUILDINGS, [REDACTED] PROBABLY IN LATE STAGE OF CONSTRUCTION, 13 STORAGE REVETMENTS, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. FOUR ADDITIONAL REVVETTED STORAGE BUILDINGS (1 IN EARLY STAGE OF CONSTRUCTION), 2 ADDITIONAL BUILDINGS UNDER CONSTRUCTION, AND 11 CARGO TRUCKS OBSERVED OUTSIDE FENCED AREA. [REDACTED] 25X1D</p> <p>DIEN BIEN PHU HQ 316 INFANTRY BRIGADE ELEVEN SMALL MILITARY AREAS WITHIN A 2 NM RADIUS OF DIEN BIEN PHU AIRFIELD (REFERENCED FROM CENTER OF AIRFIELD). [REDACTED] 25X1D</p> <p>AREA A (1.2 NM NNW AT UTM TJ928685) -- 4 BARRACKS, 1 PARTIALLY DISMANTLED, AND NUMEROUS DISMANTLED BUILDINGS. AREA B (1.2 NM NW AT UTM TJ917679) -- 6 BARRACKS, 1 ADMINISTRATION, 2 NEW STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS SUPPORT BUILDINGS. AREA C (0.7 NM NE AT UTM TJ947677) -- 25 BARRACKS, 4 ADMINISTRATION, 5 STORAGE (1 NEWLY CONSTRUCTED WITH MONITOR ROOF), 3 MESSHALL</p>	<p>2048N 10638E</p> <p>2119N 10301E</p>	<p>0616</p> <p>0616</p>	<p>25X1A [REDACTED]</p> <p>25X1A [REDACTED]</p>	<p>109-G</p> <p>105-A</p>

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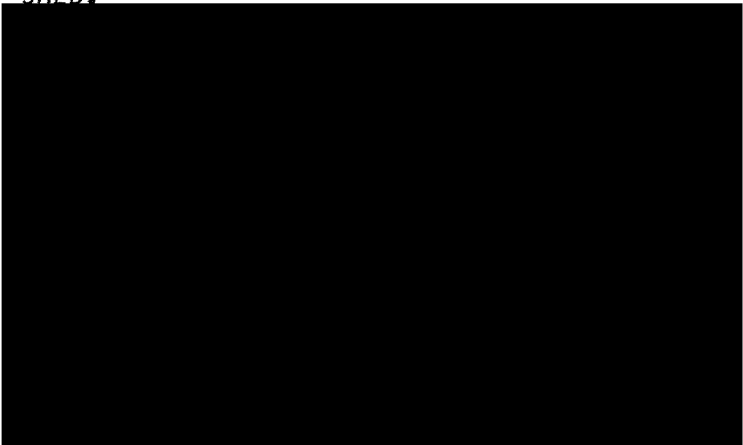


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			BE	NPIC
<p>(2 NEWLY CONSTRUCTED), 2 VEHICLE MAINTENANCE, AND 11 MISCELLANEOUS SUPPORT BUILDINGS. AREA D (1.1 NM ENE AT UTM TJ957677) -- 12 BARRACKS (2 NEWLY CONSTRUCTED), 3 ADMINISTRATION, 3 PROBABLE AMMUNITION STORAGE, 2 VEHICLE MAINTENANCE, 2 MESSHALL, AND 10 MISCELLANEOUS SUPPORT BUILDINGS (3 NEWLY CONSTRUCTED). AREA E (0.3 NM SOUTH AT UTM TJ937659) -- 4 BARRACKS, 2 ADMINISTRATION, 1 STORAGE, 1 MESSHALL, 15 SUPPORT, AND 5 DISMANTLED SUPPORT BUILDINGS. TRAINING FACILITIES INCLUDE TWO 4-GUN LIGHT AAA SITES, 1 SITE OCCUPIED. AREA F (0.5 NM EAST AT UTM TJ947665) -- 2 NEWLY CONSTRUCTED MULTISTORY BARRACKS, 8 SINGLE-STORY BARRACKS, 1 LARGE AND 5 SMALLER ADMINISTRATION, 2 NEWLY CONSTRUCTED MESSHALL, 1 DISMANTLED MESSHALL, 1 LARGE NEWLY CONSTRUCTED STORAGE, NUMEROUS SMALL SUPPORT, AND 7 DISMANTLED SUPPORT BUILDINGS. AREA G (1.0 NM ESE AT UTM TJ957660) --- 12 BARRACKS (1 NEWLY CONSTRUCTED), 3 ADMINISTRATION, 2 MESSHALL, 10 SUPPORT (1 NEWLY CONSTRUCTED), AND 5 DISMANTLED SUPPORT BUILDINGS. TRAINING FACILITIES CONSIST OF 1 LIGHT 4-GUN AAA SITE, OCCUPIED. AREA H (0.8 NM SSE AT UTM TJ947655) -- 15 BARRACKS (4 NEWLY CONSTRUCTED), 2 ADMINISTRATION, 1 VEHICLE MAINTENANCE, 1 MESSHALL, 12 MISCELLANEOUS SUPPORT, AND 5 DISMANTLED SUPPORT BUILDINGS. AREA I (1.6 NM SSE AT UTM TJ938637) --- 10 BARRACKS, 2 ADMINISTRATION, AND 12 MISCELLANEOUS SUPPORT BUILDINGS. AREA J (AT DIEN BIEN PHU AT UTM TJ939627) --</p>				

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Target	Coordinates	WAC	Target Numbers	
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<p>29 BARRACKS, 8 ADMINISTRATION, 12 STORAGE, AND 33 SUPPORT BUILDINGS.</p> <p>AREA K (AT BAN POM LOT, UTM TJ938547) -- POSSIBLE MILITARY AREA CONTAINS 12 BARRACKS, 1 ADMINISTRATION, 5 STORAGE, AND AT LEAST 42 SUPPORT BUILDINGS (SOME POSSIBLY ASSOCIATED WITH CIVILIAN AGRICULTURE), AND 1 VEHICLE SHED.</p>  <p>BAN PHIENG HAY AMMUNITION DEPOT IN BAN PHIENG HAY VICINITY.</p>  <p>AREA A (0.5 NM SOUTH OF BAN PHIENG HAY) -- SECURED AREA WITH AT LEAST 7 PROBABLE BUNKERS AROUND LOOP ROAD AND 2 ADMINISTRATION/SUPPORT BUILDINGS.</p> <p>AREA B (0.5 NM WEST OF BAN PHIENG HAY) -- SECURED AREA WITH 1 ADMINISTRATION/SUPPORT</p>	<p>25X1D</p> <p>2124N 10356E</p>	<p>0616</p>	<p>25X1A</p> 	<p>351-A</p>

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<p>AND 9 STORAGE BUILDINGS.</p> <p>[REDACTED] 25X1D</p> <p>QUANG KHE NAVAL BASE CUU DINH THREE SEPARATE AREAS ON THE NORTH AND SOUTH BANKS OF THE SONG GIANG (RIVER).</p> <p>[REDACTED] 25X1D</p> <p>AREA A (ON THE NORTH BANK AT CUU DINH AT UTM XE570582) -- 1 T-HEAD PIER, 4 DESTROYED BARRACKS, 1 SEVERELY DAMAGED BARRACKS, 1 DESTROYED ADMINISTRATION BUILDING, 1 SEVERELY DAMAGED MAINTENANCE/SUPPORT BUILDING, 6 HORIZONTAL POL TANKS, 1 BUNKER/PILLBOX, AND 3 DESTROYED SMALL SUPPORT BUILDINGS. A BOAT REPAIR FACILITY, EAST OF THE INSTALLATION, CONTAINS 1 WENCH HOUSE, AND A MARINE RAILWAY. AT LEAST 80 BOMB CRATERS OBSERVED. AREA B (ON THE SOUTH BANK AT UTM XE574575) -- 6 BARRACKS, 2 ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS, AND 2 BOAT SHELTERS HAVE BEEN DESTROYED. THREE BARRACKS, 18 BARRACKS/ STORAGE (13 WITH ROOF DAMAGE), 1 ADMINISTRATION, 6 LARGE SHOP, 1 LARGE VEHICLE MAINTENANCE, AND 4 SUPPORT BUILDINGS REMAIN. AREA C (ON THE SOUTH BANK, JUST EAST OF AREA B AT UTM XE582574) -- 11 BARRACKS, 1 STORAGE TYPE, 1 MESSHALL, AND 8 SMALL SUPPORT BUILDINGS. VESSELS --- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p>	1742N 10629E	0617	25X1A [REDACTED]	288

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED] EXCEPT 2 OF DESTROYED BARRACKS AND 1 DESTROYED ADMINISTRATION BUILDING IN AREA A ARE APPARENTLY BEING RECONSTRUCTED. VESSELS -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>BA DON NAVAL BASE 2 NM SE OF BA DON, ON EAST BANK OF RAO NAY (RIVER), AT UTM XE528539.</p> <p>[REDACTED]</p> <p>25X1D FACILITIES INCLUDE A T-HEAD PIER AND 2 SUPPORT BUILDINGS. A NEWLY CONSTRUCTED 8-GUN MEDIUM AAA SITE, OCCUPIED, OBSERVED JUST SOUTH OF THE 2 SUPPORT BUILDINGS. VESSELS -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>ISLE DU TIGRE SUSPECT NAVAL SUPPLY DEPOT AT SW END OF ISLE DU TIGRE.</p> <p>[REDACTED]</p> <p>25X1D RECTANGULAR AREA CONTAINS 5 BARRACKS, 1 ADMINISTRATION, AND 5 SUPPORT BUILDINGS. TRENCHING OBSERVED SW OF AREA ALONG COAST. HAZE AND CLOUD COVER PRECLUDE FURTHER INTERPRETATION.</p> <p>[REDACTED] 25X1D</p>	<p>1743N 10626E</p> <p>1710N 10720E</p>	<p>0617</p> <p>0617</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>102-D</p> <p>354</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>NO APPARENT CHANGE SINCE [REDACTED] EXCEPT ADMINISTRATION BUILDING HAS BEEN DISMANTLED.</p> <p>[REDACTED]</p> <p>AREA CONTAINS 1 PARTIALLY DESTROYED BARRACKS, 1 HEAVILY DAMAGED BARRACKS, 3 BARRACKS WITH HEAVY ROOF DAMAGE, 2 DESTROYED SUPPORT BUILDING, AND 2 DAMAGED SUPPORT BUILDINGS. TRENCHING OBSERVED THROUGHOUT BARRACKS AREA. NO APPARENT DAMAGE OBSERVED TO 1 SUPPORT BUILDING. PROBABLE OBSERVATION TOWER OBSERVED NEAR CENTER AND TRENCHING OBSERVED ALONG EAST EDGE OF ISLAND.</p> <p>[REDACTED]</p> <p>BAI DUC THON CONVOY STAGING AREA AT BAI DUC THON ON ROUTE 12 AT UTM WE901953.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>PREVIOUSLY REPORTED BUILDINGS IN CONVOY STAGING AREA HAVE BEEN RAZED AND ONLY SITES REMAIN. NO VEHICLES OBSERVED.</p> <p>[REDACTED]</p> <p>25X1D</p>	<p>25X1D</p> <p>25X1D</p> <p>1802N 10550E</p>	<p>0617</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>242-B</p>

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	25X1D [REDACTED] VINH MILITARY INSTALLATIONS FOUR MILITARY INSTALLATIONS IN VINH AREA.	1840N 10541E	0617		128-B
25X1D	[REDACTED]				
25X1A	AREAS A AND D -- IDENTIFICATION ONLY. 25X1A AREA B (VINH HQ MIL REGION IV, BE NO [REDACTED] [REDACTED] 0.9 NM NW OF VINH CITADEL AT UTM WF700655) -- 27 BARRACKS, 8 STORAGE, 12 ADMINISTRATION, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. AREA C (VINH ARMY BKS NW, BE NO [REDACTED] 1.5 NM NW OF VINH AT UTM WF696664) -- 13 BARRACKS, 2 STORAGE, 2 ADMINISTRATION/SUPPORT, AND 1 MESSHALL BUILDING, AND APPROXIMATELY 10 MISCELLANEOUS SHEDS.	25X1A			
25X1D	[REDACTED]				
25X1A	AREA A (VINH ARMY BKS CITADEL, BE NO [REDACTED] [REDACTED] IN VINH AT UTM WF710643) -- 25 BARRACKS-TYPE, 13 STORAGE, 7 ADMINISTRATION, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS.	25X1A			
25X1A	AREA B (VINH HQ MIL REGION IV, BE NO [REDACTED] [REDACTED] 0.9 NM NW OF VINH CITADEL AT UTM WF700655) -- 27 BARRACKS, 8 STORAGE, 12 ADMINISTRATION, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS.	25X1A			
25X1A	AREA C (VINH ARMY BKS NW, BE NO [REDACTED] 25X1A [REDACTED] 1.5 NM NW OF VINH AT UTM WF696664) -- 13 BARRACKS, 2 STORAGE, 2 ADMINISTRATION/				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1A	SUPPORT, AND 1 MESSHALL BUILDING, AND APPROXIMATELY 10 MISCELLANEOUS SHEDS. AREA D (VINH ARMY SUPPLY DEPOT EAST, BE NO [REDACTED] 1.6 NM ESE OF VINH AT UTM WF736633) -- 81 BARRACKS, 31 STORAGE, 30 ADMINISTRATION, 15 MESSHALL, AND 60 MISCELLANEOUS BUILDINGS.				
25X1D	[REDACTED]			25X1A	
25X1D	PHUC LOI NAVAL BASE 6.3 NM NE OF VINH AT PHUC LOI AT UTM WF785707.	1844N 10545E	0617	[REDACTED]	128-M
25X1D	[REDACTED]				
25X1D	FACILITIES INCLUDE 2 T-HEAD PIERS, 2 MARINE RAILWAYS, 1 LARGE BARRACKS, 18 ASSOCIATED STORAGE/SUPPORT BUILDINGS, A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED BUILDINGS. VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED] 25X1D				
25X1D	NO APPARENT CHANGE SINCE [REDACTED], EXCEPT FACE OF 1 T-HEAD PIER IS APPARENTLY GONE. VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED] 25X1D				
25X1D	NO APPARENT CHANGE SINCE [REDACTED] 25X1D VESSELS -- NONE OBSERVED.				
25X1D	[REDACTED]			25X1A	
	PHU VAN AMMUNITION DEPOT EAST 2 NM SE OF PHU VAN AT UTM WF332820. COMOR TARGET NO [REDACTED] 25X1A	1850N 10519E	0617	[REDACTED]	306-0

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>SMALL AMMUNITION STORAGE FACILITY CONTAINS AT LEAST 9 REVETTED STORAGE AND 4 SUPPORT BUILDINGS.</p> <p>AN 8-GUN LIGHT AAA SITE, OCCUPIED, OBSERVED JUST SOUTH.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>SMALL ARMS AMMUNITION DEPOT CONTAINS 1 UNREVIEWED ADMINISTRATION/SUPPORT (PARTIALLY DAMAGED), 12 DAMAGED REVETTED AMMUNITION STORAGE, AND 3 DESTROYED REVETTED AMMUNITION STORAGE BUILDINGS, AND NUMEROUS SHEDS/HUTS THROUGHOUT AREA.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>MUONG SEN ARMY SUPPLY DEPOT 0.5 NM SE OF MUONG SEN ON BOTH SIDES OF ROUTE 7 AT UTM VG115446.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>AREA CONTAINS 1 LARGE MAINTENANCE/STORAGE, 2 STORAGE, AND 1 SMALL SUPPORT BUILDING ON SOUTH SIDE OF ROUTE 7 AND A LARGE VEHICLE PARKING AREA WITH 4 BARRACKS-TYPE, 7 SUPPORT, 3 VEHICLE MAINTENANCE, AND 3 STORAGE-TYPE</p>				
	1923N 10408E	0617	25X1A [REDACTED]	117

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	Target	Coordinates	WAC	Target Numbers	
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25X1D	BUILDINGS ON NORTH SIDE OF ROUTE 7. THREE HILLTOP AW POSITIONS AND 3 TRUCKS OBSERVED IN AREA. [REDACTED]	25X1D	0617	25X1A [REDACTED]	291-C
25X1D	NO APPARENT CHANGE SINCE [REDACTED] EXCEPT NO AW POSITIONS OR TRUCKS OBSERVED. [REDACTED]				
25X1D	PHU QUI AMMUNITION DEPOT SOUTHWEST 3 NM SW OF PHU QUI. [REDACTED]				
25X1D	FENCED DEPOT CONTAINS 26 DISPERSED [REDACTED] STORAGE BUILDINGS (5 DESTROYED, 10 HEAVILY DAMAGED AND 11 POSSIBLY DAMAGED), AND 2 SUPPORT AND 3 SMALLER DESTROYED BUILDINGS. A SUPPORT AREA TO THE EAST CONTAINS APPROXIMATELY 30 BUILDINGS (3 HEAVILY DAMAGED) AND A SMALL SUPPORT AREA IMMEDIATELY WEST AND ADJACENT TO THE DEPOT CONTAINS APPROXIMATELY 15 DESTROYED BUILDINGS. A SECURED AREA JUST SOUTH OF THE DEPOT CONTAINS 4 LIGHTLY DAMAGED BUILDINGS. [REDACTED]	1918N 10520E	0617	25X1A [REDACTED]	291-C
25X1D					
	BASIC SERVICES				
	HAIPHONG CHANNEL 25X1A COMOR TARGET NO [REDACTED]	2050N 10640E	0616		109-C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	<p>25X1D</p> <p>[REDACTED]</p> <p>AREA 100 PERCENT COVERED BY HAZY PHOTOGRAPHY. CHANNEL CONTAINS LIGHT-TO-MODERATE RIVER TRAFFIC. NO DREDGING, MINES, OR ANTI-SWIMMER/BOAT NETS OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>AREA 100 PERCENT COVERED. NO DREDGING APPARATUS, MINES, OR ANTI-SWIMMER/BOAT NETS OBSERVED. VESSELS -- 1 FREIGHTER, 1 BARGE, AND SCATTERED SMALL CRAFT.</p> <p>[REDACTED]</p>				
25X1D	<p>HAIPHONG THERMAL POWERPLANT ON SOUTH BANK OF THE CUA CAM (ESTUARY), 1.9 NM NE OF HAIPHONG AT UTM XJ782086.</p>	2051N 10641E	0616	25X1A	109-0
25X1D	<p>[REDACTED]</p> <p>FACILITIES INCLUDES A T-SHAPED BOILERHOUSE/GENERATOR HALL WITH 2 SMALL STACKS, APPARENTLY SERVING LOCAL INDUSTRY.</p>				
25X1D	<p>[REDACTED]</p>				
25X1D	<p>VINH RAILROAD YARD UNDER CONSTRUCTION 1.2 NM NNW OF VINH.</p> <p>[REDACTED]</p>	1841N 10540E	0617		128-F
25X1D	<p>RAILROAD CLASSIFICATION YARD UNDER CONSTRUCTION CONTAINS 3 TRACKS, A TERMINAL BUILDING, A TURNING WYE AT NORTH EDGE OF YARD, A LARGE BUILDING IN EARLY STAGES OF CONSTRUCTION, AND A WATER TOWER. A ROAD</p>				

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Target	Coordinates	WAC	Target Numbers	
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<p>CONNECTS THE YARD WITH ROUTE 1. APPROXIMATELY 25 PIECES OF ROLLING STOCK OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>[REDACTED] 25X1D</p> <p>NO APPARENT CHANGE SINCE [REDACTED] SEVERAL UNIDENTIFIED PIECES OF ROLLING STOCK OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>[REDACTED] 25X1D</p> <p>NO APPARENT CHANGE SINCE [REDACTED] APPROXIMATELY 40 PIECES OF UNIDENTIFIED ROLLING STOCK OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>TAM DA RR AND HWY BRIDGE OVER SONG CUA LO 7.1 NM NORTH OF VINH AIRFIELD.</p> <p>[REDACTED] 25X1D</p> <p>THREE-SPAN, APPROXIMATELY 450 X 25 FT, THROUGH-TYPE, REINFORCED CONCRETE AND STEEL BRIDGE ON ROUTE 1 CROSSES THE SONG CUA LO RIVER. RAILROAD BRIDGE IS ALSO BEING USED AS A HIGHWAY BRIDGE. HIGHWAY BRIDGE 400 FT WEST HAS BEEN DISMANTLED.</p> <p>[REDACTED] 25X1D</p>				
	1850N 10539E	0617	25X1A [REDACTED]	158-B

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ROUTE 7, SEGMENT 1

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>100 PERCENT OF TARGET COVERED. SINGLE LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 19-19N 104-20E TO 19-30N 103-51E. CONSTRUCTION APPARENTLY CONTINUES ON ROAD BRIDGE IN EARLY STAGE OF CONSTRUCTION AT 19-24N 104-09E. FOUR TRUCKS OBSERVED ALONG ROUTE.</p> <p>[REDACTED]</p> <p>NINETY PERCENT OF TARGET AREA COVERED. SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 19-30N 103-55E TO 19-44N 104-25E. APPROXIMATELY 30 TRUCKS OBSERVED PARKED AT 19-17N 104-20E.</p> <p>[REDACTED]</p> <p>SEVENTY-FIVE PERCENT OF TARGET AREA COVERED. SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM 19-23N 104-12E TO 19-32N 103-49E. ROUTE IS INTERDICTED BY BOMB CRATERS AND IS IMPASSABLE AT 19-32N 103-49E. CONSTRUCTION ON NEW ROAD BRIDGE AT 19-24N 104-08E IS STILL IN EARLY STAGES AND CONTINUES. NO VEHICLES OBSERVED.</p> <p>[REDACTED]</p>	<p>25X1D</p> <p>25X1D</p>			
25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>ONE HUNDRED PERCENT OF TARGET AREA INTERMITTENTLY COVERED. SINGLE LANE NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED INTERMITTENTLY FROM 19-30N 103-53E TO 19-29N 104-01E AND FROM 19-25N 104-08E TO 19-20N 104-19E. UNDER CONSTRUCTION FROM 19-20N 104-19E TO 19-15N 104-25E, ROAD IS BEING CONVERTED TO 2-LANES, BUT IS PROBABLY STILL SERVICEABLE. ROAD IS COVERED BY SPOIL, UNCROSSED BY VEHICLE TRACKS, FROM A NEARBY BOMB CRATER AT 19-30N 103-59E ON WEST EDGE AT BAN NAM KOUANG. NO VEHICLES OBSERVED.</p> <p>25X1D [REDACTED]</p> <p>PORTS AND HARBORS</p> <p>CAM PHA PORT FACILITIES</p> <p>ON GULF OF TONKIN 3 NM EAST OF CAM PHA.</p> <p>25X1D [REDACTED]</p> <p>FACILITIES, SERVING COAL MINING INDUSTRY IN CAM PHA AREA, COMPRISE LARGE COALING QUAY WITH 4 OVERHEAD CRANES CAPABLE OF BERTHING OCEAN-GOING VESSELS, COAL STORAGE AREA WITH 5 OVERHEAD CRANES, AND LARGE CLASSIFICATION YARD WITH ASSOCIATED STORAGE AND MAINTENANCE FACILITIES. VESSELS -- 1 LARGE DRY-CARGO SHIP AND 14 BARGES.</p> <p>[REDACTED]</p> <p>25X1D</p>	2102N 10722E	0615	<p>25X1A</p> <p>[REDACTED]</p>	106

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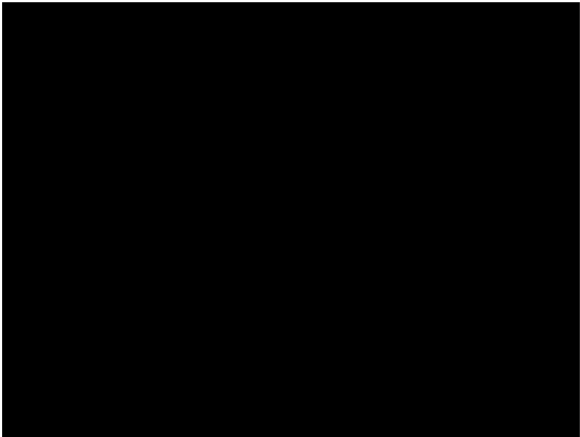

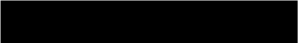
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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>PORT WALLUT PORT FACILITIES NE EDGE OF ILE DE KE BAO AT UTM YJ675465. [REDACTED] 25X1D</p> <p>PORT FACILITIES INCLUDE FLOATING DRYDOCK, A QUAY, 4 PIERS, 8 LARGE WAREHOUSES, AND APPROXIMATELY 20 SMALLER SUPPORT BUILDINGS. VESSELS -- 2 PROBABLE SWATOW PGM, 6 PROBABLE P-4 MTB, AND 3 POSSIBLE P-4 MTB. [REDACTED] 25X1D</p> <p>HAIPHONG PORT FACILITIES ON SOUTH BANK OF THE CUA CAM (ESTUARY). [REDACTED] 25X1D</p> <p>FACILITIES INCLUDE AN APPROXIMATELY 4,000 FT LONG WHARF (SERVED BY 17 RAMPS), NUMEROUS SMALL DOCKS AND PIERS. A SHIP REPAIR YARD WITH 4 MARINE RAILWAYS, 12 LARGE WAREHOUSES, NUMEROUS STORAGE AND SUPPORT BUILDINGS, A LARGE POL STORAGE AREA, A THERMAL POWERPLANT, AND AN ACTIVE CEMENT PLANT. VESSELS -- 3 LARGE AND 2 MEDIUM FREIGHTERS IN THE HARBOR, 3 MEDIUM FREIGHTERS UNDERWAY IN THE CHANNEL, AND NUMEROUS SMALL RIVER CRAFT IN THE PORT AREA. [REDACTED] 25X1D</p> <p>BEN THUY PORT FACILITIES 2.2 NM SE OF VINH ON WEST BANK OF SONG CA (RIVER). [REDACTED] 25X1D</p> <p>FACILITIES INCLUDE 1 LARGE OFF-SHORE WHARF.</p>	<p>2112N 10734E</p> <p>2052N 10642E</p> <p>1839N 10542E</p>	<p>0615</p> <p>0616</p> <p>0617</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>103</p> <p>109-D</p> <p>128-D</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>COMPLEX COMPRISES 4 STORAGE AREAS WITH APPROXIMATELY 45 STORAGE BUILDINGS, A LARGE SAWMILL, AND A THERMAL POWERPLANT. VESSELS -- 2 FREIGHTERS.</p>  <p>25X1D</p> <p>STORAGE</p> <p>HAIPHONG PETROLEUM STORAGE AREA NW EDGE OF HAIPHONG ON SOUTH BANK OF CUA CAM (ESTUARY).</p>  <p>25X1D</p> <p>THREE STORAGE AREAS CONTAIN 12, 10, AND 8 VERTICAL TANKS, RESPECTIVELY. THREE BUNKERING PTERS AND APPROXIMATELY 25 SUPPORT BUILDINGS SERVE THE AREA.</p>  <p>25X1D</p> <p>VINH PETROLEUM PRODUCTS STORAGE 3 NM EAST OF VINH AT UTM WF761644.</p>				
	2053N 10640E	0616	25X1A	109-M
	1840N 10543E	0617		128-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>WALLED AREA CONTAINS 3 LARGE TANKS (55 FT IN DIAMETER), 5 MEDIUM TANKS (40 FT IN DIAMETER, 3 DESTROYED, 1 PROBABLY DESTROYED, AND 1 HEAVILY DAMAGED), 2 MEDIUM UNDERGROUND TANKS (APPROXIMATELY 40 FT IN DIAMETER), 6 SMALL TANKS (25 FT IN DIAMETER) HEAVILY DAMAGED, 5 SMALL TANKS (15 FT IN DIAMETER) HEAVILY DAMAGED, AND APPROXIMATELY 10 SUPPORT BUILDINGS.</p> <p>[REDACTED]</p> <p>URBAN COMPLEXES</p> <p>LAI CHAU COMPLEX ON ROUTE 41.</p> <p>[REDACTED] 25X1D</p> <p>25X1D</p> <p>25X1D</p> <p>25X1D</p>				
	2203N 10309E	0616	25X1A [REDACTED]	118-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>[REDACTED]</p> <p>THANH HOA COMPLEX</p> <p>[REDACTED] 25X1D</p> <p>COMPLEX, 1.0 SQ MI IN AREA, CONTAINS A RAILROAD YARD, SEVERAL SMALL LIGHT INDUSTRIES, AND SEVERAL SMALL BARRACKS AREAS.</p> <p>[REDACTED] 25X1D</p> <p>MISCELLANEOUS</p> <p>ILE HON NE</p> <p>11.3 NM EAST OF LUONG XA.</p> <p>[REDACTED] 25X1D</p> <p>AREA CONTAINS 3 LARGE AND 3 SMALL BUILDINGS AND A TRENCH NETWORK WITH FIRING BAYS. VESSELS -- NONE OBSERVED.</p> <p>[REDACTED]</p> <p>25X1D</p>	<p>1948N 10546E</p> <p>1954N 10601E</p>	<p>0617</p> <p>0617</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>126</p> <p>173-A</p>

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the date of earliest coverage.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); O (obliquity); and PQ (poor image quality).

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